**Case Study: University Event Management System**

**Objective:**

Develop a menu-based console application to assess your proficiency in Core Java, MySQL, and JDBC. The application will simulate a university event management system, allowing users to manage events, attendees, and registrations.

**Functionalities:**

1. **Event Management:**
   * Add new events to the university calendar
   * View event details
   * Update event information
   * Delete events from the calendar
2. **Attendee Management:**
   * Register new attendees for events
   * View attendee details
   * Update attendee information
   * Delete attendee registrations
3. **Registration Management:**
   * Register attendees for events
   * View registration details
   * Update registration information
   * Cancel attendee registrations

**Database Schema:**

* **Event Table:**
  + event\_id (Primary Key)
  + event\_name
  + event\_date
  + location
  + organizer
* **Attendee Table:**
  + attendee\_id (Primary Key)
  + attendee\_name
  + email
  + phone\_number
* **Registration Table:**
  + registration\_id (Primary Key)
  + event\_id (Foreign Key references Event Table)
  + attendee\_id (Foreign Key references Attendee Table)
  + registration\_date
  + status (Confirmed, Cancelled, Pending)

**Requirements:**

* Develop a menu-based console application using Core Java.
* Use JDBC for interactions with the MySQL database.
* Implement menu options for managing events, attendees, and registrations.
* Ensure that the application allows for attendee registration for events, maintains accurate event and attendee information, and tracks registration status.
* Handle exceptions effectively and provide user-friendly error messages.
* Ensure the application code is clean, well-documented, and follows standard coding conventions.

**Submission:**

* Submit the complete source code along with a README file that provides setup and usage instructions.
* Share your project by uploading it to a public GitHub repository.
* Provide the link to the GitHub repository to the coaches.